

FLORIDA HIGHWAYS

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No. 11



Project 641—Road 4—Palm Beach County.

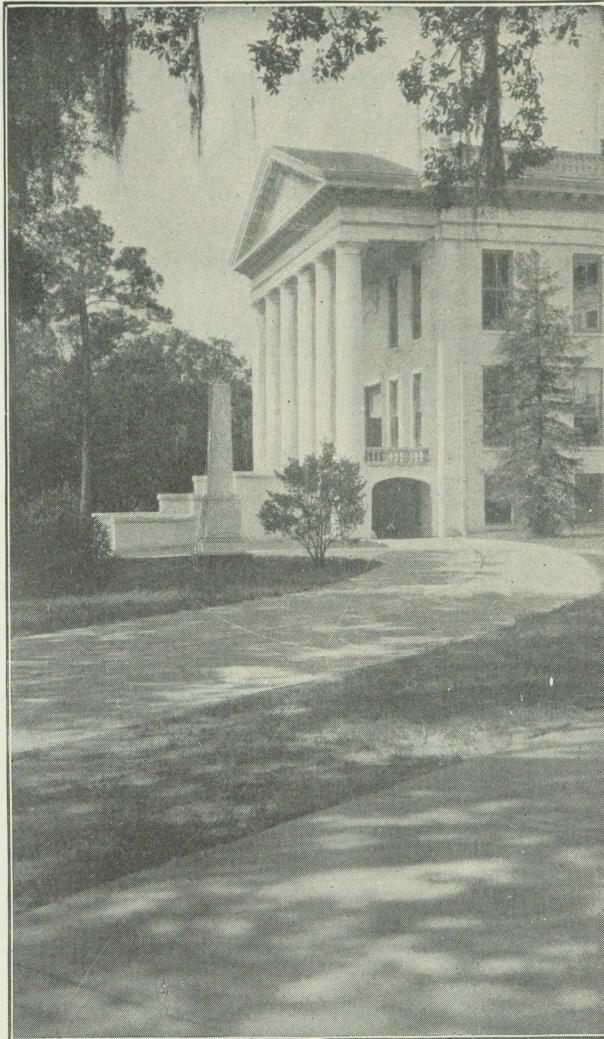
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Vol. VII
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HIGHWAYS

NOVEMBER
1930

Florida Tour of International Road Congress Delegates

EDITOR'S NOTE: This article, prepared by our Chairman, is illustrated throughout the issue with views of road scenes along the route of the tour's itinerary.

THE State of Florida, through the State Road Department, was host, October 20-24, inclusive, to a body of nearly one hundred men who came into the State in a group representing thirty-five countries—these countries so widely scattered over the earth as to make this party literally one compassing the habitations of mankind.

When it is said that this group of men were the guests of the State through its Road Department, it might properly be added that they were actually the guests of the people of a group of communities at which luncheon and night stops were made. These communities upheld all the traditions of

American and Southern hospitality at its best, making the visitors feel altogether welcome and at home; and, finally, regretting that they must leave a State where Nature has done so much for man, and man and woman alike are willing to do so much towards making the visitor glad that he came into Florida.

The visiting delegation comprised what is known as the Southern Tour, made up of delegates to the International Road Congress which this year, at Washington, held its sixth quadrennial session, and also for the first time met under the Stars and Stripes. At the close of the meeting three tours were organized, one of which—the largest in point of numbers—toured the Southeastern States to study road and bridge construction and the financing of this work. The delegates were men whose positions in similar public works in their home

countries led their governments to send them to the International Road Congress. The tours in this country were organized by the Highway Education Board of Washington, D. C., which defrayed all the expenses of the three parties. The Southern tour was in charge of Mr. Norman Damon of Washington, representing the Highway Education Board and the National Automobile Chamber of Commerce.

Because of the road and bridge program in Florida, the several classes of construction to be found in this State; the general interest in this sub-tropical climate and other attractions peculiar to Florida, almost twice as much time was allotted to Florida's part of the tour as that allotted to any other State. It was suggested that the various communities where luncheon and night stops were to be made might desire to give luncheon and dinner entertainment to this notable group of men, so the State Road Department undertook this part of the preparation for the tour. In all sections of the State utmost co-operation was given, and the delegates from the foreign countries left Florida declaring that their tour in the Land of Flowers was the "high spot" of their visit to the United States.

Beginning with a fish fry in a beautiful bit of woods on a lake near Marianna, where the party of some 130 persons were guests of the Marianna Lime Rock Company on October 21, for noon lunch, to the final entertainment at noon, October 24, in West Palm Beach, there was no letup in the showing of interest and goodwill on the part of the people of Florida.

October 21 was spent in a study of low cost roads—particularly sand-clay-surface-treated construction—in West Florida. That evening the visitors were guests of the Tallahassee Chamber of Commerce at the Floridan Hotel, Tallahassee, the dinner being of Leon county products. Hon. C. L. Waller was toastmaster and Governor Doyle E. Carlton made an address welcoming the visitors to the State. For visitors, response was made by Dr. H. Van Breen, who represented The Netherlands' colony of Java. Chairman Robert W. Bentley of the State Road Department in a brief address related the work of the Road Department from its beginning in 1915 to this time.

The party left Tallahassee that night and the morning of October 22 reached Ocala for breakfast at Hotel Marion as guests of the Marion County Chamber of Commerce. After breakfast a trip was made to Florida's greatest scenic wonder, Silver Springs, where, as guests of the Ocala organization, the party embarked in glass bottom boats for an hour's ride and view of the great, crystal-clear springs. Here Mayor J. J. Gerig of Ocala made a brief address to the visitors, which was responded to by Maj. George A. Harris of Ireland.

From Ocala the trip was resumed in the great busses which brought the party from Washington. The route lay through Leesburg, Tavares, Mount Dora, Plymouth to Orlando, via Highway No. 2. At Orlando the Orlando Chamber of Commerce was host at a luncheon served in the banquet room of the Chamber. Mayor J. L. Giles, Senator F. O. King and other prominent residents of Orlando met the party at the Orange-Lake county line and escorted the motorcade into Orlando, taking them through various interesting sections of "The City Beautiful." Mayor Giles and Senator King made addresses to the visitors and response was by Luang Prinya-yogavibula, delegate from Siam.

After luncheon the trip was continued via Kissimmee and Haines City to Lake Wales. Here one of the most enjoyable of the many entertainments arranged for the tour was given. At the foot of a gently sloping hill, and overlooking Lake Wales, tables had been arranged for serving fruit punch and cakes to the visitors, the ladies of the city seeing that no one was overlooked. Here, as at Orlando, escort was provided to conduct the party into town, and then later to Bok Tower, the late Edward Bok's memorial to his mother, and his own resting place in beautiful Mountain Lake Park.

From Bok Tower the journey was to Tampa via Winter Haven, Auburndale, Lakeland and Plant City. The trip through the Scenic Highlands, with its wonderful lakes and fruit-laden citrus groves, was of tremendous interest to the visitors.

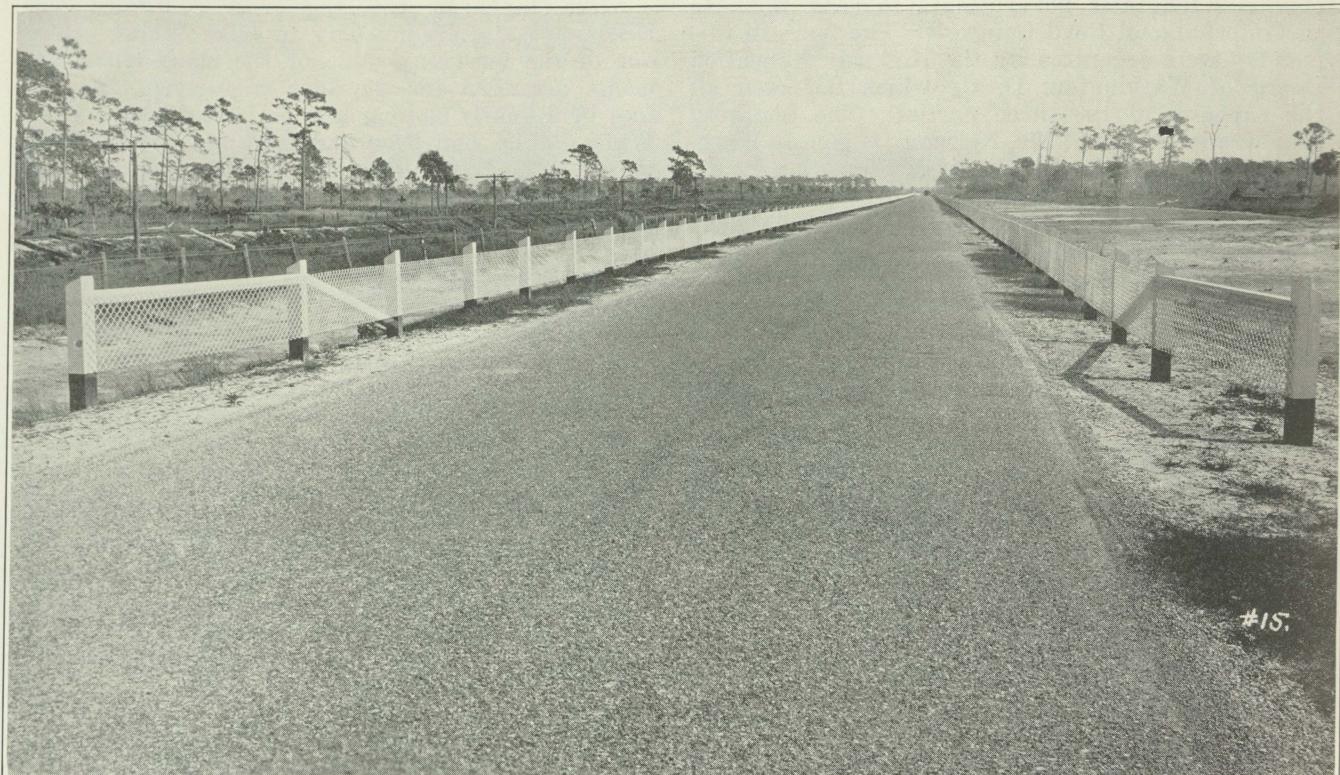
The Tampa Chamber of Commerce was host that evening, entertaining the visitors with a Spanish dinner at El Pasaje hotel in Ybor City. President Carl G. Brorein for the chamber and Mayor D. B. McKay for the city, made addresses of welcome, the response being made by Nils von Matern, Swedish Institute of Roads, Stockholm. A Spanish orchestra, with singers and dancers, furnished a most pleasing entertainment.

The night was spent at Tampa. Resuming the journey the morning of the 23rd, via the Tamiami Trail, a brief stop was made at the Bradenton municipal pier, where the Chamber of Commerce served the party with fruit juices, and a large number of citizens made themselves acquainted with the visitors. Here the delegates had a fine view of the State's great bridge across the Manatee river, which they declared to be one of the very finest structures they had seen in their travels. From Bradenton the journey continued via Sarasota to Punta Gorda, where the party left the busses to embark on barges and spent an hour inspecting the work in progress there on the mile-long concrete bridge being built by the State. Noon stop was at Fort Myers, where the Fort Myers Chamber of Commerce, as host, spread a great fish fry on the north bank of the Caloosahatchee river, where Edison bridge, just completed by the State, begins. Mayor Josiah Fitch and the Chamber officials made the visitors welcome and led them to the tables, where ladies served the plates and there was an abundance of good cheer enjoyed under blue skies and towering live oaks.

The party was conducted on a brief tour through the City of Palms, seeing the beautiful homes amid Florida's finest royal palms and expressing appreciation of this, the most tropical scenery which had been presented to them on the trip.

The trip over the Tamiami Trail, through the vast Everglades, was of tremendous interest to the delegates, who expressed appreciation of the enterprise of a commonwealth which would undertake and carry through construction of a hundred miles of fine highway across a wilderness.

Miami was scheduled for the night stop. Here the city was entertainer, first with a banquet at Hotel McAllister, with former Senator F. M. Hudson as toastmaster. Mayor C. H. Reeder greeted the visitors in behalf of the city. Response was made for the visitors by A. B. Collin, department of construction, national road commission, Mexico City. A unique feature was one-minute talks, broadcast over radio, made by ten of the visitors. These speakers used their native tongue and Spanish,



Project 564-C, Road 5, Charlotte County.

French, German, Norwegian, Chinese, Japanese, Italian, as well as talks in English, went "on the air."

The Municipal Airport's great hangar was converted into a dance hall for what was described as "a barn dance," and here the visitors had an evening of unusual enjoyment, meeting the ladies and enjoying the dancing.

The morning of the 24th was spent as guests of the civic bodies on a tour through Miami, Cocoanut Grove, Coral Gables and Miami Beach. Then the trip was resumed up State Highway No. 4, to West Palm Beach, via Hollywood and Fort Lauderdale. At West Palm Beach the delegation was given a great welcome and entertained by the city as guests at a luncheon in the main dining room of El Verrano hotel. County Commissioner Himes presided and the chief address was made by Banker Howard Selby.

Response was by Richard Hibbs, delegate from Newfoundland. After luncheon, still as guests of the city and of Palm Beach, the visitors were taken for a tour of Palm Beach, the world famous winter resort, and then escorted to Gus' Baths, where they were given free use of all the pools and of the broad Atlantic. That evening the party embarked on a special train at West Palm Beach for Detroit, where the three tours joined for a three-day visit including trips through the great automotive plants where they learned how America makes its automobiles in such huge numbers and gets its incentive, in part at least, for the construction of more roads and yet more roads.

Let it not be understood from the above description of rounds of entertainment that the visit to Florida by these notable men from so many countries was merely a round of entertainment. Not so. Frequent stops were made along the roads for studies of road

construction of various types, and of bridge construction. Each project had been marked with suitable placard giving its identifying number, etc., and each member of the party was furnished with a "log" of the entire tour, which gave detailed information concerning type of construction of each project, when it was built, at what cost, etc.

The visitors expressed warm appreciation of Florida's highways and bridges. They were especially interested in the high class of road maintenance in Florida; praised the alignment of the roads—the easy curves, the system of drainage, the well-kept shoulders, ditches and back slopes.

Among other distinguished visitors accompanying the delegation were C. D. Snead of Montgomery, Alabama, federal engineer in charge of this district for the Federal Bureau of Public Roads. Chief Engineer B. M. Duncan of the Florida Department, with members of his staff, rode with the visitors in the five great busses, to answer questions and give first-hand information.

Delegates who made the Florida tour were as follows:

Algeria—J. VICAIRE, Inspector General of Public Works, Algeria.

Anglo-Egyptian-Sudan—F. T. MURRAY, Chief Road Engineer.

J. D. P. CHATAWAY, Civil Transport Office.

Australia—H. S. GIBBS, East Melvern, Melbourne, S. E. 6.

Belgium—ROBERT DECOUX, Chiney, Belgium.

Bermuda—WILLIAM LIVINGSTON, Director of Public Works, Hamilton, Bermuda.

Brazil—GODOFREDO MENEZES, Civil Engineer of the Road Builders Federal Commission of the Ministry of Communications and Public Works of Brazil. Caixa Postal No. 19, Rio de Janeiro.



Project 61-A, Federal Aid, Road 1, Gadsden County.

ARNALDO MOTTA, Civil Engineer of the Road Builders Federal Commission of the Ministry of Communications and Public Works of Brazil.

Chile — **ALBERTO FERNANDEZ**, Ingeniero Visitador of the Department of Highways, Santiago.

OSCAR TENHAMM, Chief Engineer, Machinery Section, Highway Department, Santiago.

FLORENCIO OYARZUN, Civil Engineer, Department of Highways, Santiago.

China — **T. C. CHEN**, Delegate of the Chekiang Province.

MAU SUN, Senior Engineer and Assistant Director of the Department of the Ministry of Railways, Nanking.

Czechoslovakia — **GUSTAV HERMANN**, Section Chief, Highway Department, Ministry of Public Works, Prague.

KAREL REYTT, Slovenska No. 13, Prague XII.
DR. ING. KAREL VALINA.

BOZETECH SULA — Vinarska 4, Prague VII.
DR. E. VIKTORA, Civil Engineer.

Denmark — **SOREN ELLERT**, County Road Engineer, Holbaek.

AAGE GRIMSTRUP, County Road Engineer, Svendborg.

HANS EMIL REFN, County Road Engineer, Soroe.

E. SUHR, Lvenskjoldsvij 6, Charlottenlund.

France — **CHRISTIAN BEAU**, Assistant to the Inspector General of Public Works of the Ministry of Colonies, Chief Engineer, Paris.

GEORGES COLSON, State Counselor, Director of Highways of the Hydraulic Power and of the Distribution of Electric Power Divisions of the Ministry of Public Works.

EDMUND CHAIX, President of the Touring Club of France. V-President of the Permanent International Association of Road Congresses.

P. F. M. LAUNAY, State Counselor, Director of Personnel, of Accounts and of General Administration at the Ministry of Public Works.

PAUL LEGAVRIAN, Inspector General of Bridges and Highways, Secretary General of the International Association of Road Congresses.

GUSTAVE MERLIN, General Councillor Road Commissioner of the Nord Department at Gravelines.

B. RENAUD, Chief Engineer of Bridges and Highways in Angers.

V. DE ROHAN, President of the Automobile Club of France, and of the National Federation of French Automobile Clubs.

Germany — **EWALD SCHUTTE**, Consulting Engineer, Ministry of Transport, Wilhelmstrasse 80, Berlin, W. 8.

ULRICH STAPENHORST, Consulting Engineer, Ministry of Transport, Wilhelmstrasse 80, Berlin, W. 8.

KARL STUHRING, Senate, Free City of Bremen.

HANS ULLENDORF.

OTTO SCHWABACH, Nikischplatz 1, Leipzig, C. I.

DR. SPECK, Saxon Finance Ministry, Dresden.

WALTHER EUTING, Wurtemberg Ministry of the Interior, Karlstrasse 3, Stuttgart.

Great Britain — **J. E. BLACKWELL**, County Surveyor, Leicestershire County Council.

D. A. DONALD, Chief Engineer, Glasgow-Edinburgh Road, 271 Alexandra Parade, Glasgow.

MAJ. GEORGE A. HARRIS, Ministry of Home Affairs North Ireland, Belfast.

H. E. LUNN, County Surveyor, East Sussex County Council, County Hall, Lewes.

G. E. ASHFORTH, M. Sc., M. Inst. C. E. County Surveyor and Bridgemaster, Chester County Council, The Castle, Chester.



Florida Highways

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Indo China—ALBERT FAVIER, Gouvernement General de L'Indochine, 20 Rue la Boetie, Paris.

Italy—GUIDO VALENTE, Engineer.

CASIMIRO DI SAN GERMANO, Civil Engineer. Italian Embassy.

ETTORE BROGGI, Engineer.

Japan—HIROSKI TAKADA, Japanese Government Railways.

T. MIYAMOTO, Japanese Government Railways.

KIKUZO OGAWA, Japanese Department of Home Affairs.

Mexico—A. B. COLLIN, Department of Construction and Projects, Comision Nacional de Caminos, 5 Nueve Mexico No. 94, Mexico, D. F.

ESTEBAN HOYO, Civil Engineer.

Morocco—RENE GIBERT, Engineer of Roads and Bridges, Chief of the Second District of the South of the Public Works of Morocco. Casablanca.

FRANCOIS E. PICARD, Chief Engineer, Assistant to the Director of Public Works. Rabat.

Netherlands—H. VAN BREEN, de Perponcherstraat 121, The Hague.

CORNELIUS HOUTMAN, Lange Nieuwstraat No. 23, Schiedam.

L. T. VAN DER WAL, Chief Engineer, Province of South Holland, The Hague.

M. H. C. VREEDE, College of Deputies of Provincial Government, Batavia, West Java.

Newfoundland—RICHARD HIBBS, Chief Commissioner of Highways, Ministry of Public Works.

Nigeria—C. L. COX, Director of Public Works, Lagos. (British West Africa.)

Norway—ANDREAS BAALSRUD, Director of Roads, Oslo.

T. UTHEIM, Provincial Governor, Foreman of the Molde Highway Board, Molde.

Nayassaland—CAPT. E. WALL, Executive Engineer, Government of Nyassaland.

Panama—JOSE R. GUIZADO, National Roads Board, Panama City.

Palestine—SOLOMAN ETTINGEN, 49 Hayarkon Strasse Tel Aviv, Palestine.

Siam—LUANG PRINYAYOGAVIBULA, Highway Engineer, Royal Siamese Department of Ways.

Sweden—NILS VON MATERN, Secretary, Swedish Institute of Roads, Odengstan 100, Stockholm.

Switzerland—WALTER BOSIGER, State Councilor, Chief of Public Works, Federal Department of Public Works, Berne.

ALEXANDER VON STEIGER, Inspector General, Chief of the Division of Public Works of the Federal Department of the Interior, Berne.

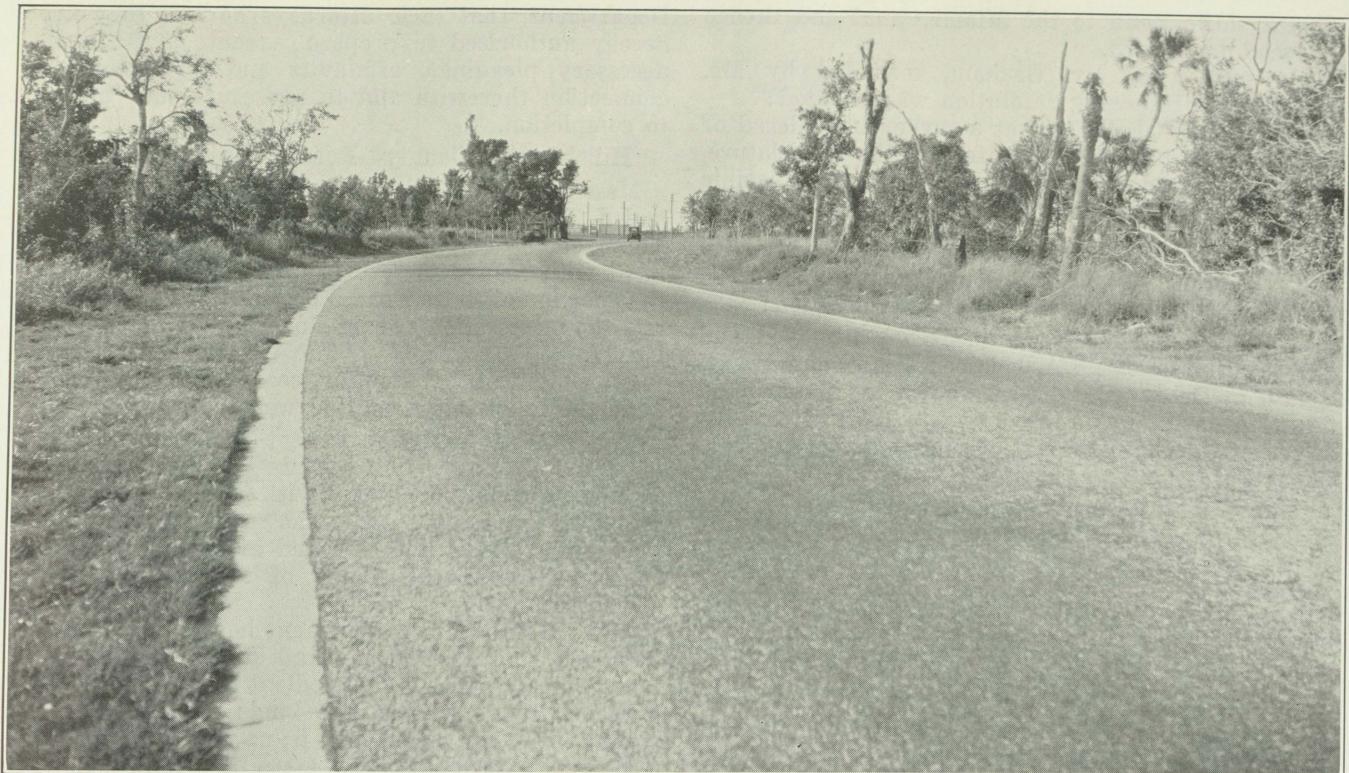
EMIL WYDLER, Chief Engineer, Canton of Argovie, Director of Road Construction at Aarau.

Tunisia—PIERRE BRUNACHE, Chief Engineer of Public Works, Tunis.

Uruguay—CARLOS RABASSA, Coronel Branden 2016, Montevideo.

Venezuela—JULIO PLANCHART, Secretary of the Camara de Comercio de Caracas.

FRANCISCO SUCRE, Highway Engineer, Caracas.



Project 654, Road 4, Broward County.

Transactions at Meeting of State Road Department Held at Miami November 12, 1930

PURSUANT to due and legal notice, a meeting of the State Road Department was held at Miami on November 12, 1930, with the following members present: Robert W. Bentley, Chairman; William A. Shands, Ernest R. Graham and George B. Hills. B. M. Duncan, State Highway Engineer; B. A. Meginniss, Attorney for the Department, and H. J. Morrison, Federal Highway Engineer, were also in attendance.

Orange County

A delegation from Orange county, composed of C. Fred Ward, Representative; S. S. Sadler, chairman of the Board of County Commissioners; R. M. Shearer, member of the Board of County Commissioners; A. L. Wright, Superintendent of Roads and Bridges, and Major Charles A. Browne, appeared before the Department. This delegation requested that the Department place a two-foot rock shoulder on each side of that portion of Road 22, from Orlando west to the Lake county line, and place a cold mix treatment over the whole, provision for said work to be made in next year's budget.

The same delegation also requested that the State continue the maintenance of the road which was used as Road 2 before the recent completion of Project 74.

A request was also made by this delegation that the next available meeting of the Department be held at Orlando.

On motion of Mr. Shands, seconded by Mr. Graham, the following resolution was adopted:

BE IT RESOLVED, That this Department do take under advisement all requests made to it at this

morning's session for consideration and action later in this meeting.

Brevard County—Road 44

Senator J. J. Parrish and Messrs. A. W. Donaldson, A. A. Dunn and W. B. Kyzer comprised a delegation from Brevard county which requested that the State take over for maintenance Road 44 between Sanford and Mims.

Broward County

A delegation appearing before the Department from Broward county was composed of the following gentlemen: Carl P. Weidling, R. G. Snow, M. A. Epstein, Floyd Wray, S. L. Drake, Tom M. Bryan, Dwight L. Rogers, B. W. Strickland, W. M. Ketchin, A. J. Ryan, R. A. Horton, W. T. Eller, F. L. Neville, R. B. Walker, W. B. Chandler, Jack Bartley, Thos. McNeal, W. J. Cozens, Jr., E. O. Steele, Raymond Skinner, T. J. Ryan, Frank Dickey, J. R. Barns and Maxwell Baxter. This delegation requested that that section of Road 4 between Dania and the Dade county line be constructed at the earliest possible moment. They were informed by the State highway engineer that advertisements for bids had been delayed by reason of the necessity of making adequate provision for the necessary drainage at Hollywood, Dania and Hallandale. The delegation was assured, however, by the members that contract for the work will be let not later than January of 1931.

This delegation also presented to the members a request that the Department adopt as the location of State Road 26 what is referred to as the Fort Lauderdale route, and which would cut across from

Twenty-Mile Bend to the Miami Canal and thence proceed northward.

On motion of Mr. Graham, seconded by Mr. Shands, the following resolution was adopted:

BE IT RESOLVED, That a survey be ordered of Roads 26 and 26-A, designated by the Legislature, with a view to determining which is the most feasible and practical route for construction by the State.

Dade County—Road 4-A—Right of Way

On motion of Mr. Graham, seconded by Mr. Shands, the following resolution was adopted:

WHEREAS, This Department has surveyed and located State Road 4-A, between Miami and Homestead, in Dade county, as is shown by plat of said location on file in its office and in the office of the Clerk of the Circuit Court of said Dade county; and

WHEREAS, Said Department has found and determined, and does hereby find and determine that it is necessary, wise and expedient to secure, by purchase or condemnation, the lands necessary for a right of way for State Road 4-A; now, therefore,

BE IT RESOLVED, That the Board of County Commissioners of Dade County be and they are hereby authorized and requested to secure for the Department, by purchase or condemnation, the lands necessary for a right of way for said road, to-wit: a strip of land 100 feet in width, the same being 50 feet on each side of the center line of said State Road 4-A between Miami and Homestead, as the same is now surveyed and located and shown upon said plat.

BE IT FURTHER RESOLVED, That said Board of County Commissioners be and they are hereby authorized to use the name of this Department in any condemnation proceeding or proceedings necessary to carry out the purposes of this resolution.

BE IT FURTHER RESOLVED, That in the event that they shall elect to proceed in the name of this

Department, that their attorneys be and they are hereby authorized to prepare, execute and file all necessary pleadings, affidavits and documents in connection therewith and to prosecute such action to completion.

Hillsborough County—Road 5—Right of Way

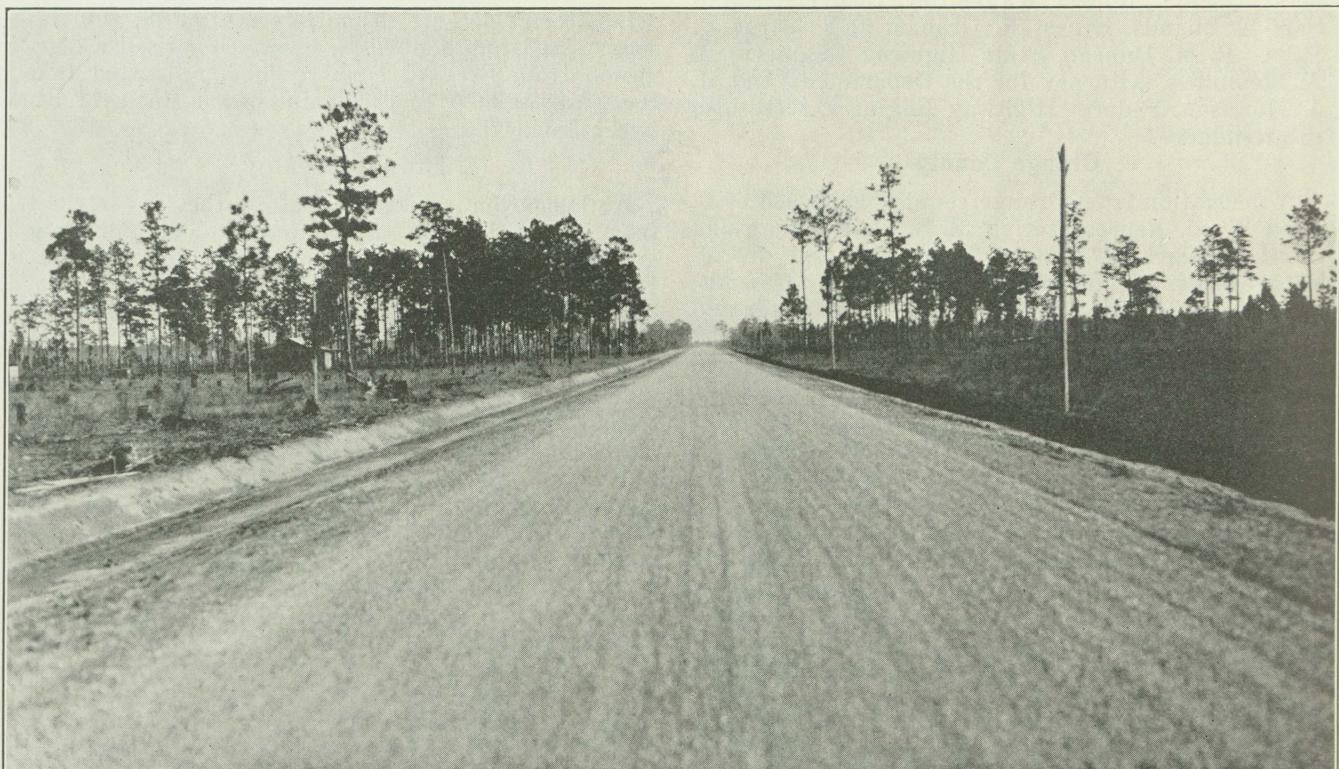
Messrs. W. T. Williams, J. T. Gunn, J. N. Holmes and J. W. Lester, county commissioners, and A. B. Pimm, county engineer, appeared before the Department with regard to securing the right of way for that portion of State Road 5 between Six-Mile Creek and the intersection of said Road 5 with State Road No. 17.

On motion of Mr. Bentley, seconded by Mr. Graham, the following resolution was adopted:

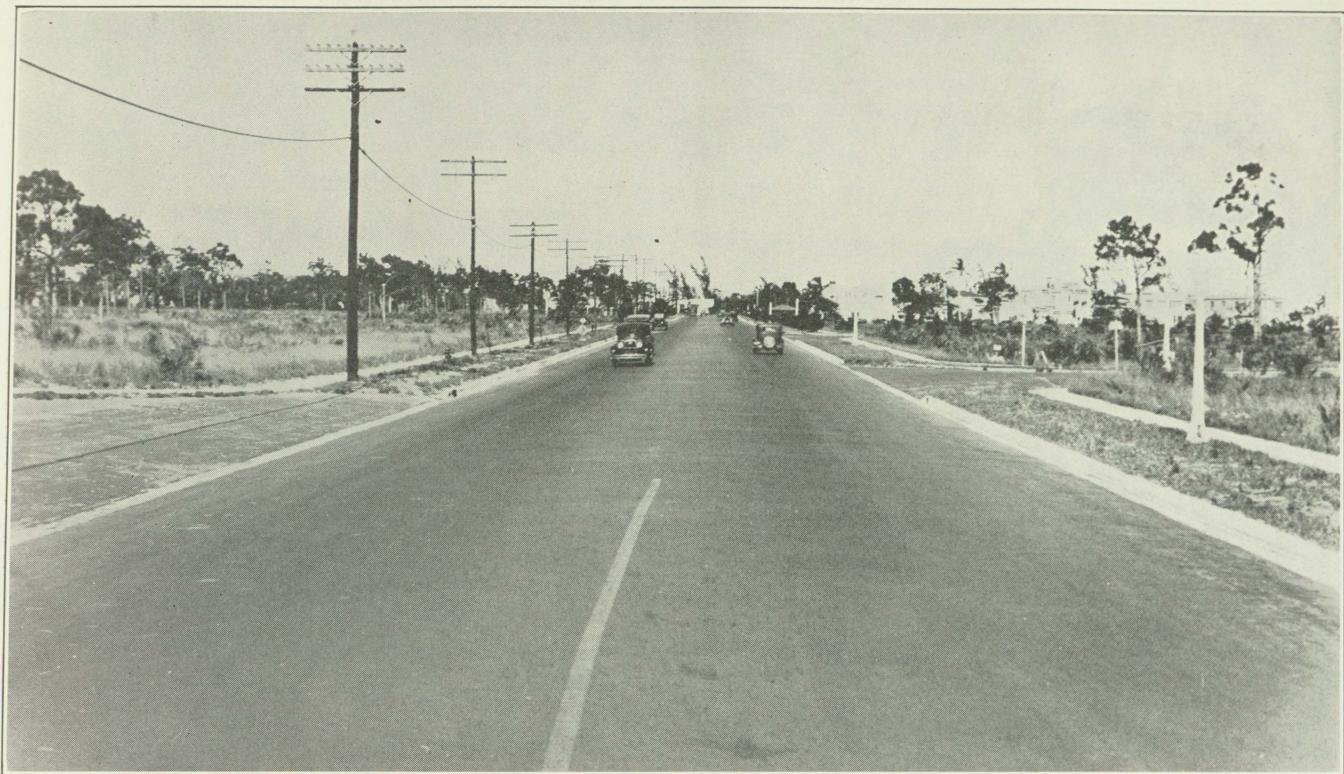
WHEREAS, This Department has surveyed and located State Road 5 between Six-Mile Creek and the intersection of said Road 5 with State Road 17, in Hillsborough county, as is shown by plat of said location on file in its office and in the office of the Clerk of the Circuit Court of said Hillsborough County; and

WHEREAS, Said Department has found and determined, and does hereby find and determine that it is necessary, wise and expedient to secure, by purchase or condemnation, the lands necessary for a right of way for State Road 5; now, therefore,

BE IT RESOLVED, That the Board of County Commissioners of Hillsborough County be and they are hereby authorized and requested to secure for the Department, by purchase or condemnation, the lands necessary for a right of way for said road, to-wit: a strip of land 100 feet in width, the same being 50 feet on each side of the center line of said State Road 5 between Six Mile Creek and the intersection of said Road 5 with State Road 17, as the same is now surveyed and located and shown upon said plat.



Road 6, Surface-treated Sand-clay Base, Jackson County.



Project 41, Road 4, Dade County.

BE IT FURTHER RESOLVED, That said Board of County Commissioners be and they are hereby authorized to use the name of this Department in any condemnation proceeding or proceedings necessary to carry out the purposes of this resolution.

BE IT FURTHER RESOLVED, That in the event that they shall elect to proceed in the name of this Department, that their attorneys be and they are hereby authorized to prepare, execute and file all necessary pleadings, affidavits and documents in connection therewith and to prosecute such action to completion.

Hillsborough County—Road 5

Mr. Holmes of this delegation discussed with the members the advisability of constructing Road 5 during the tourist season. After some discussion it was deemed wise to proceed with the work at the earliest possible moment and the Department was assured that Hillsborough county will provide the necessary detour.

Old Dixie Highway—Brevard, St. Lucie, Indian River and Martin Counties

A delegation composed of Senator A. W. Young, of Vero Beach; W. H. Owen, general manager of Miami Motor Club; Senator J. J. Parrish, of Titusville; C. H. Edwards, St. Lucie County Commissioner; E. V. Sewell, of Miami; S. P. Robineau, Representative of Dade County, and Mayor C. H. Reeder, of Miami, presented to the Department a request that the old Dixie Highway or Indian River road, constructed by the counties of Brevard, St. Lucie, Indian River and Martin, be taken over for maintenance by the State, with a view to preserving the same as a highway of outstanding scenic beauty. The delegation was informed that their request would be given careful consideration.

Lake and Sumter Counties

A joint delegation from the counties of Lake and

Sumter appeared before the Department in connection with matters hereinafter outlined. The members of this delegation were as follows: Senator T. G. Futch, Representatives Geo. F. Westbrook and I. N. Kennedy, County Commissioners W. H. Richey, Fred Owens, W. H. Yancey, Harry Stokes and Manuel Sloan, County Attorney J. W. Hunter, and George J. Dykes, clerk of the Circuit Court, all of Lake county; Senator S. W. Getzen and Sumter County Commissioners T. M. Edenfield, D. L. Baker, W. L. Getzen and H. A. Smith.

The Lake county members requested that the State take over for maintenance State Road 55, in which event the county will agree to remove the tolls from the bridge on said road. They also requested that the Department let the county have the services of an engineer to make an inspection of State Road 21, locate the source of the trouble the county has experienced in its construction and advise the County Commissioners as to the remedy. They were informed that the Department would be glad to comply with this latter request.

The joint delegation requested that the Department take over for maintenance State Road 22, in Lake and Sumter counties, and State Road 36 in Lake, Sumter and Citrus counties.

Palm Beach County

Mr. Elvin A. Bass, Representative of Palm Beach county, requested that the Department widen State Road 143 between Pahokee and Canal Point.

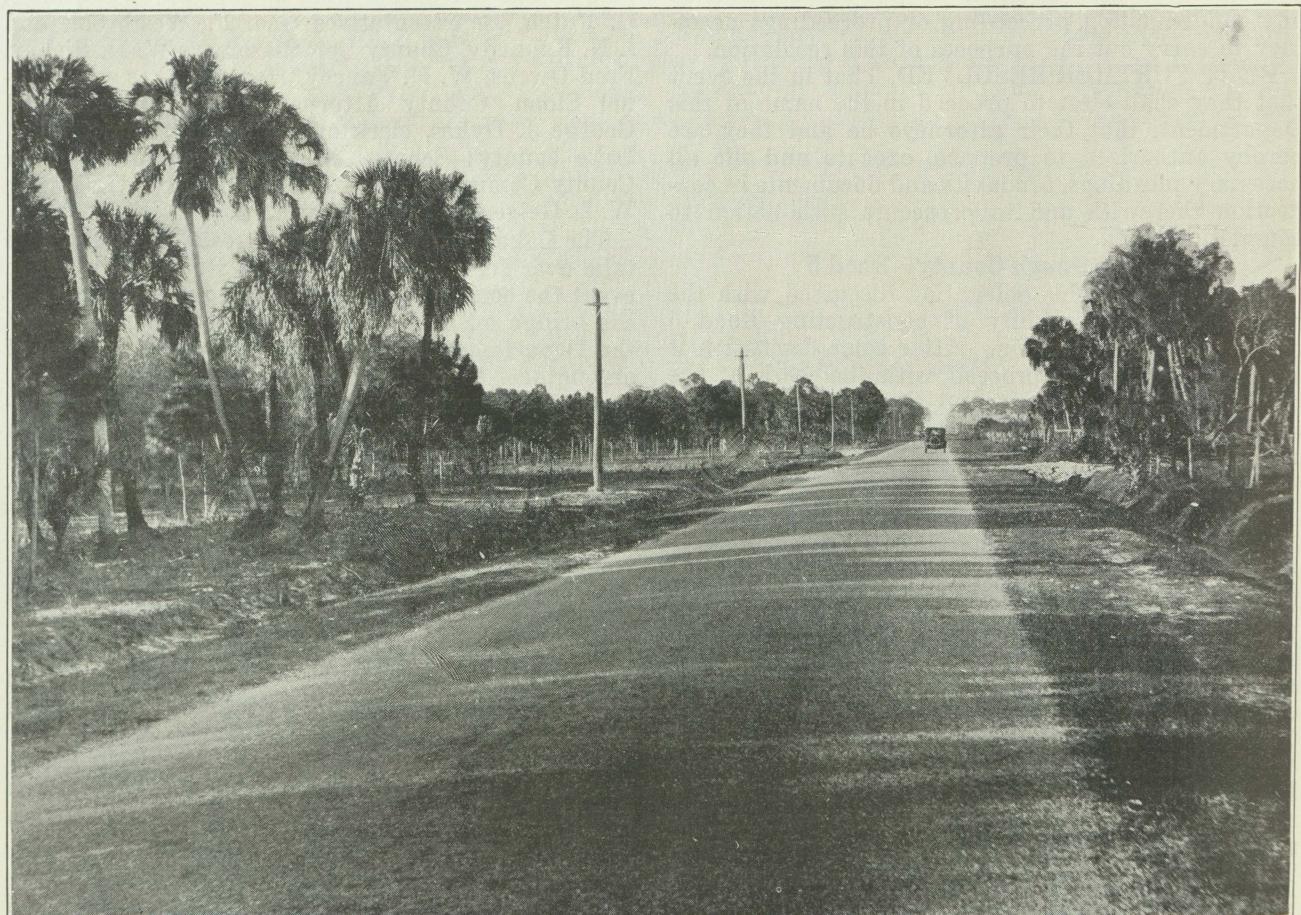
Dr. Thomas E. Will, of Okeelanta and Belle Glade, presented to the Department the matter of State Roads 26 and 26-A. He was informed that a survey of these routes has already been ordered.

Polk County—Road 17

Mr. Reid Robson, member of the Board of County Commissioners of Polk county, presented to the Department a request that construction be started at



Project 605, Road 8—Polk County, North of Lake Wales.



Project 570, Road No. 5, Between Bradenton and Sarasota.

the earliest possible moment on the remainder of State Road 17 between Lakeland and Auburndale, and that paving of same be of the same type as the adjoining projects. Mr. Robson also asked that the State take over for maintenance that portion of Road 2 between the Lake county line and Polk City.

St. Lucie County

The following comprised a delegation which appeared before the Department from St. Lucie county: J. P. Newell, J. G. Coats, F. L. Hemming, H. C. Evans, C. E. Bennett, C. H. Edwards, R. R. Gladwin, B. R. Kessler and A. H. Steward. This delegation requested that the Department take over for maintenance that portion of State Road 8 in St. Lucie county which is not now under State maintenance. They also requested that the Department take over for maintenance that part of State Road 162 which has been constructed in St. Lucie county and which extends nine miles from Fort Pierce to the Header Canal.

Award of Contracts

On motion of Mr. Graham, seconded by Mr. Shands, the following resolution was adopted:

WHEREAS, This Department on November 10th received bids for the construction of certain projects and for the furnishing of certain materials and supplies as hereinafter listed; and

WHEREAS, The firms and individuals hereinafter named were and are hereby declared to be the lowest responsible bidders therefor; now, therefore,

BE IT RESOLVED, That contracts be and they are hereby awarded for the construction of such projects and the furnishing of such materials and supplies as follows, to-wit:

Construction

Proj.	Road	Type	Bidder	Price
71	4	Concrete bridge, Okeechobee Constr. Co.		\$ 67,703.81
73-D	17	Complete concrete pavement, John J. Quinn Co., Inc.		263,164.35
727	47	Broken stone base No. 2, L. M. Gray		70,149.96
883	4	Widening and reconstruction with Macaspahlt surface, Jno. E. Ballinger		99,011.96
885	3	Widening and reconstruction with Macaspahlt surface, Robert G. Las-siter Co.		100,536.12

Materials

819	54	Tar prime TC2, American Tar Products Co.	2,134.40
		Oil asphalt, Pan American Petrol. Corp.	1,435.50
		Crushed gravel, Roquemore Gravel Co. (less 7c per ton in 10 days)	3,577.00
912-			
913	85	Untreated piling, Carolina Wood Pres. Co.	1,845.00
		Untreated lumber, Postell Lbr. Co.	3,091.23

Hauling

685	10	Hauling rock, Nelson Bros. (approx.)	6,930.00
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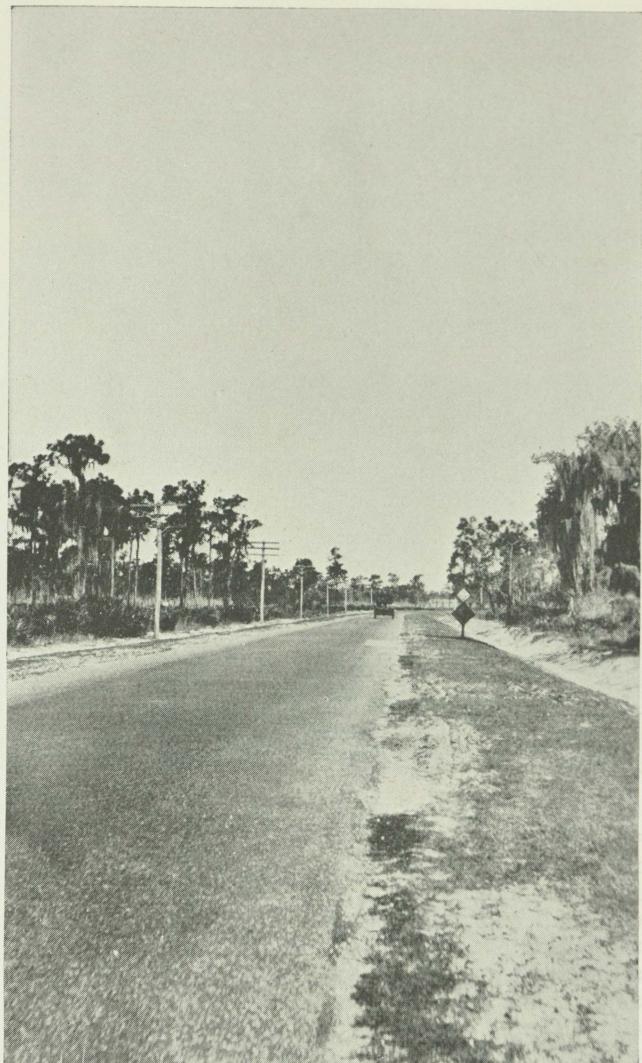
BE IT FURTHER RESOLVED, That the award of contract on Project 73-D is made subject to authority from the Bureau of Public Roads to make such award; and

BE IT FURTHER RESOLVED, That in the construction of said project that reinforced concrete pipe be used wherever possible.

APPROVAL OF CONTRACTS AWARDED

On motion of Mr. Shands, seconded by Mr. Hills, the following resolution was adopted:

WHEREAS, This Department on October 28th received bids for the purchase of materials and supplies hereinafter listed; and,



Project 17, Road 5, Manatee County

WHEREAS, The firms and individuals hereinafter named were and are hereby declared to be the lowest responsible bidders therefor; now, therefore,

BE IT RESOLVED, That the action of the Chairman in awarding the contracts hereinafter listed be and the same is hereby approved, which said contracts are as follows, to-wit:

Materials

Proj.	Road	Material	Bidder	Price
769	5	Woven Wire Guard Rail, W. F. Robertson		\$ 1,252.23
854	60	Pea gravel, Roquemore Gravel Co.		1,860.00 (less 2% in 10 days)

Motor Equipment

838	37	Caterpillar "30" 5-ton tractor, Bur-gman Tractor Equipment Co.	\$ 2,455.27
3	fully equipped Buick Coupes, Proctor & Proctor		3,623.75

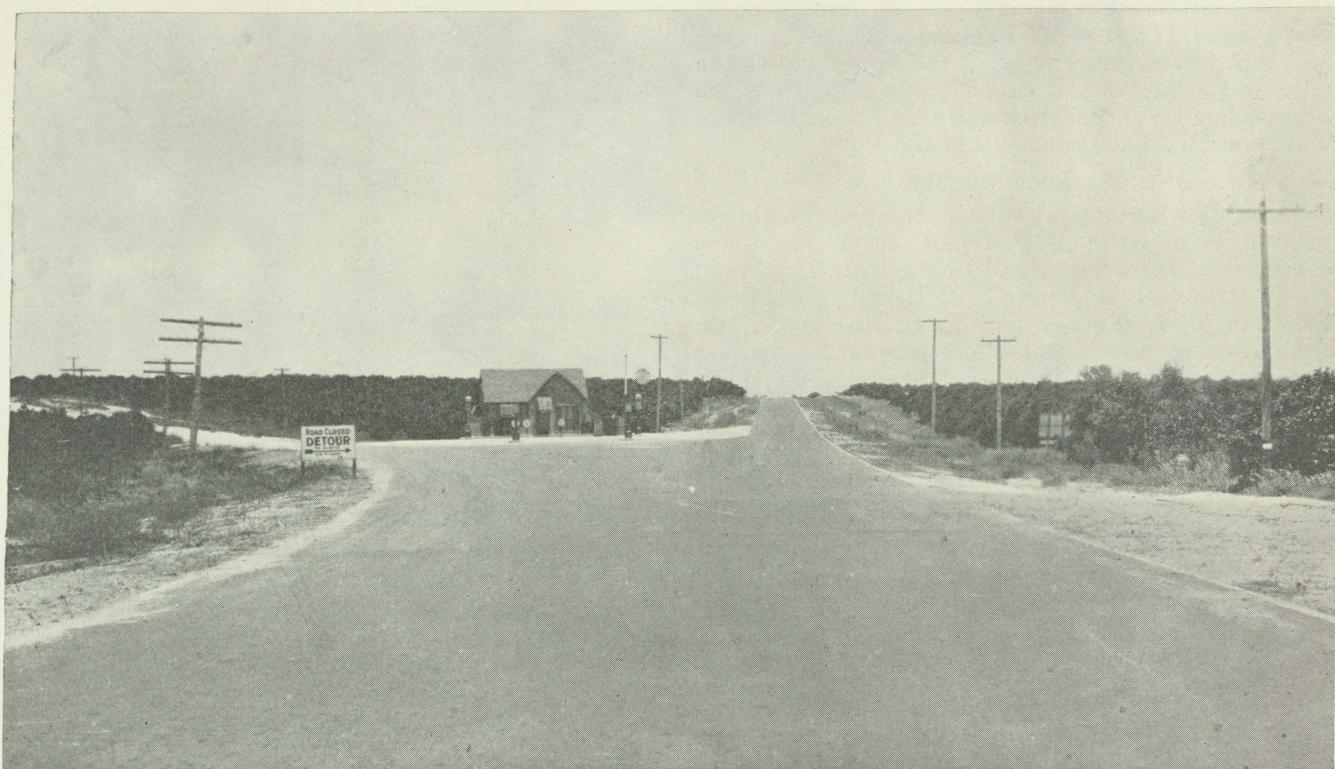
Minutes Approved

On motion of Mr. Shands, seconded by Mr. Hills, the minutes of the meeting held at Tallahassee, October 8, 1930, were duly approved.

CHAIRMAN'S REPORT

The Chairman submitted his usual monthly report of the operations of the Department, which said report is in the words and figures following, to-wit:
To the Members of the Road Department:

Since our October meeting, the State Road Department has, in conjunction with the Highway Education Board, been host to a delegation of about 100



Road No. 2, Silver Lake Forks, Projects 53-A and 695, Lake County, between Leesburg and Tavares and Eustis.

road commissioners and engineers from thirty-five foreign countries, on a tour of roads and study of our road and bridge construction. This tour, over the period of October 21-24, inclusive, covered about a thousand miles. The visitors expressed themselves as charmed with Florida and its hospitable people and declared our roads and bridges to be at least equal to any they had seen in the tour from Washington to West Palm Beach.

The Atlantic National Company of Jacksonville, which was voted a 45-day option for the sale of \$87,000 worth of Madison county bonds at not less than 86 and accrued interest, has to date sold \$29,000 of these securities at the above quoted rate, and turned the money over to the Department.

Work on the various road and bridge projects now under construction is, almost without exception, being pushed by the contractors, with the result that the monthly outgo of the Department is increasing. It totaled \$860,440.72 in October, as against \$785,129.51 in September and \$670,128.89 in August.

Sincerely yours,
ROBERT W. BENTLEY, Chairman.

On motion of Mr. Hills, seconded by Mr. Shands, the above report was ordered received and approved.

Road 77—Lafayette and Gilchrist Counties

On motion of Mr. Shands, seconded by Mr. Hills, the following resolution was adopted:

BE IT RESOLVED, that the Engineering Department be and it is hereby directed to locate State Road 77 between Bell and Branford and that a description of said survey be furnished to the Boards of County Commissioners of Lafayette and Gilchrist counties, with the usual request that said Boards proceed to secure the necessary right of way.

State Road 55—Volusia County

The Chairman presented to the members a letter and petition from Aaron Guess and a number of

citizens asking that the Department better the condition of some four miles of State Road 55 lying between the Astor Bridge on the St. Johns river and Road 3 at Eldredge. After some discussion the members were of the opinion that the Department could not undertake this project at this time and the Chairman was requested to so advise Mr. Guess.

Project 55—Lots at Hawthorn

The Chairman presented to the members another letter from W. L. Stanley, vice-president of the Seaboard Air Line Railway Company, protesting that the amount of \$50.00, offered for the purchase of lots at Hawthorn, is not adequate. After discussion of the matter, the Chairman was requested to advise Mr. Stanley that the Department feels that it has made an adequate offer for said lots.

Road 142—Maintenance

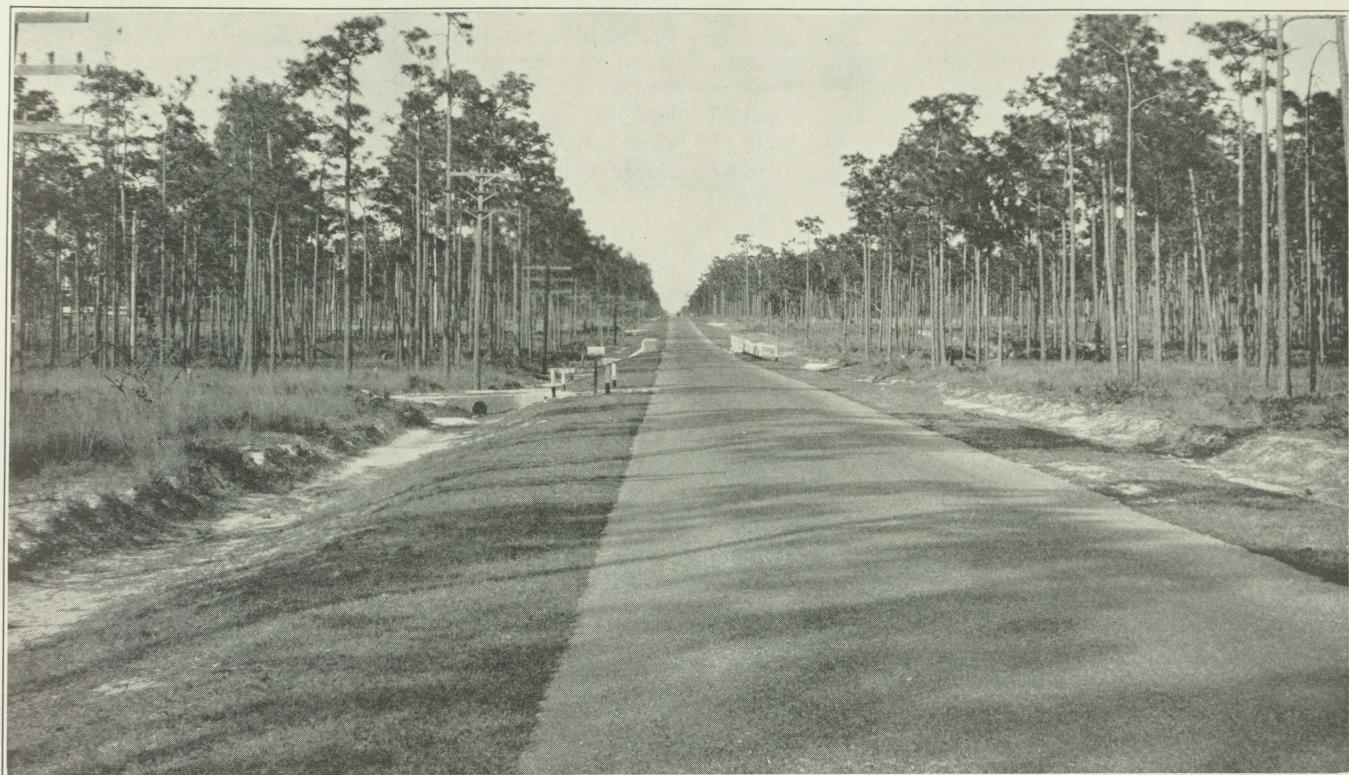
A letter was presented from Mr. L. K. Cannon, Assistant State Highway Engineer, estimating that the sum of \$5,100.00 will be required to maintain that portion of State Road 142 between Main's Corner and LaBelle for the remainder of 1930.

On motion of Mr. Hills, seconded by Mr. Graham, the following resolution was adopted:

BE IT RESOLVED, that there be and there is hereby appropriated from the Department's emergency fund the sum of \$5,100.00 to take care of the maintenance for the remainder of the year 1930 on that portion of State Road 142 between Main's Corner and LaBelle.

Purchase of Monroe County Equipment

The Chairman submitted to the members a letter from the Chairman of the Board of County Commissioners of Monroe county, accompanied by a resolution of said board, offering to lease to the State Road Department certain equipment, herein-after listed, upon a basis therein set out, the said equipment to be and become the property of said



Project 581, Road 5, Hillsborough County.

State Road Department when said Department shall have paid the sum of \$2,000.00 rental; said resolution, however, contained a condition to the effect that said equipment when delivered to the Department be used only on Road 4-A in Monroe county.

On motion of Mr. Hills, seconded by Mr. Shands, the following resolution was adopted:

BE IT RESOLVED, that this Department does accept the proposal of Monroe county for the sale of certain equipment owned by said county, to-wit:

Equipment	Basis of Payment
Dragline	\$25.00 per day
Road Roller	7.50 per day
Tractor	10.00 per day
Ford Grader	2.00 per day
Highway grader	3.00 per day

Provided, however, that upon the payment by the Department of the sum of \$2,000.00 under the terms thereof, that rental thereof shall cease and said equipment shall be and become the property of the State Road Department of the State of Florida.

BE IT FURTHER RESOLVED, that the acceptance by this Department of the said proposal is conditioned upon Monroe county withdrawing from said proposal the limitation to the effect that said equipment shall be used only on Road 4-A in Monroe county, it being the intent of this resolution to effect an unconditional purchase of said equipment on the lease terms which are set out above.

Hernando County

The Chairman submitted to the members a letter from A. F. Burns, chairman of the county commissioners of Hernando county, in which a request was made that the State Road Department contribute of its funds toward the maintenance of certain county roads in that county. The Chairman stated that he had advised Mr. Burns that his request could not be complied with, but that he submitted the matter to the members for their information. The Chairman was requested to again advise Mr. Burns that

the law would not permit this Department to comply with such request.

State Road 1—Washington County

The Attorney for the Department submitted a letter from Mr. James N. Daniel, attorney for Elwood George, in which claim was made that the Department is occupying certain lands of Mr. George as a right of way for State Road 1 in Chipley, without having acquired the right of way therefor. No formal action was taken by the Department, but the Chairman was requested to write the county commissioners of Washington county, calling their attention to the fact that it was the county's obligation to secure the necessary right of way, which the Department was assured had been done, and asking the county commissioners to make immediate adjustment of this matter.

Brevard County—Road 22

A resolution from the board of county commissioners of Brevard county was read, in which the Department was requested to widen the old portion of State Road 22 in Brevard county between Indian River City and the St. Johns river to a width of 19 feet and to increase the thickness of the base. No formal action was taken but the Chairman was requested to write the county commissioners that the Department is not in a position to undertake this work at the present time.

\$56,000 Dixie County Time Warrants

There was submitted to the Department a letter from Hon. J. H. Scales, in which he stated that he is not now in a position to carry through his offer for the purchase of \$56,000 of Dixie county time warrants.

On motion of Mr. Shands, seconded by Mr. Graham, the following resolution was adopted:

BE IT RESOLVED, that this Department does hereby release and relieve Senator J. H. Scales from his offer to purchase \$56,000.00 of Dixie county time warrants, at a price heretofore submitted to the Department.

Florida Highways

Expense Accounts Approved

On motion of Mr. Bentley, seconded by Mr. Shands, the expense accounts of the members were approved, as follows:

Robert W. Bentley	\$83.65
Robert W. Bentley	21.14
William A. Shands	16.67
William A. Shands	31.10
George B. Hills	49.38
George B. Hills	37.76
Ernest R. Graham	75.82

On motion of Mr. Shands, seconded by Mr. Hills, the Department was adjourned until two-fifteen o'clock p. m.

AFTERNOON SESSION, 2:15 O'CLOCK

Present as at morning session.

Osceola County

Mr. W. J. Steed appeared before the Department and requested that provision be made in next year's budget for taking over for maintenance that section

of Road 29 between Holopaw and Kenansville. Mr. Steed also requested that the 27-mile gap in said Road 29 be placed under construction, using a convict crew. He was informed that the Department can not legally undertake the latter request at this time. Mr. Steed was joined in his request by Messrs. Peter Tomasello and Elvin A. Bass.

Colprovia

Mr. D. M. Burgess appeared before the Department to urge that provision be made for a test section of road using his product, Colprovia, as a surfacing material. The State Highway Engineer stated that he expects to try this on some small project, and while no location was determined upon, a section of Road 78 was suggested.

Spruill-Cordon Paint

Mr. M. C. Cordon appeared before the Department to request that consideration be given to the use of paint manufactured by the Spruill-Cordon Company,

Contracts Awarded by State Road Department

JAN. 1st, 1930 TO NOV. 24th, 1930.

Proj.	Road	County	Contractor	Length Miles	Length Feet	Contract + 10%	Type
FEDERAL PROJECTS							
70	5	Charlotte	Tampa Shipbldg. & Engr. Co.	75		\$ 45,676.40	Bascule
73-B	17	Polk	Cone Bros. Const. Co.	305		43,984.54	Conc. Bridge
20	1	Holmes-Washington	Florida Basic Rock Co.	2.0		19,800.00	Rock Base
62-A	24	Osceola	L. B. McLeod Const. Co.	5.22		123,676.65	R. B. S. T.
73-A	17	Polk	Wm. P. McDonald Const. Co.	3.66		88,283.19	Mac Asphalt
63-C	4	Broward	R. G. Lassiter & Co.	13.24		470,941.54	Concrete
74	2	Orange	Manly Const. Co.	14.34		387,032.94	Asp. Concrete
65	5	Hillsborough	C. C. Moore Const. Co.	.30		23,780.90	R. B. S. T.
40-B	4	Broward	L. M. Gray	.31		10,484.43	R. B. S. T.
68-A	4	Broward	S. P. Snyder & Sons	.37		28,972.93	R. B. S. T.
62-A	24	Osceola	L. B. McLeod Const. Co.	5.87		104,950.53	R. B. S. T.
62-D	24	Osceola	L. B. McLeod Const. Co.	12.66		307,070.29	R. B. S. T.
57	3	Nassau-Duval	R. C. Huffman Const. Co.	3.40		173,830.52	Embankment
66	5	Sarasota	R. C. Huffman Const. Co.			459	128,288.17
75	27	Collier	Central Station Equip. Co.			561	125,332.26
53-D	2	Lake	C. C. Moore Const. Co.	4.48		89,131.49	C. G. & G.
71	4	Brevard	Okeechobee Const. Co.			174	74,473.84
73-D	17	Polk	John J. Quinn, Inc.	9.92		289,544.58	Concrete
TOTALS				75.77	1,574	\$ 2,535,255.20	

Proj.	Road	County	Contractor	Length Miles	Length Feet	Contract + 10%	Type
STATE PROJECTS							
757-B	2	Polk	Florida Bridge & Const. Co.	117		15,234.78	Conc. Bridge
758-B	2	Polk	Cone Brothers Const. Co.	436		59,267.06	Conc. Bridge
698	19	Leon	H. E. Wolfe Const. Co. Inc.	12.45		276,425.45	Concrete
721-B	3	Putnam	L. M. Gray	.25		18,829.00	R. B. S. T.
835	5	Marion-Citrus	Manly Const. Co.	.15		4,439.71	R. B. S. T.
587-B	5-A	Suwannee	Duval Engineering & Contr. Co.	.34		17,736.22	R. B. S. T.
876-A	78	Duval-St. Johns	Standard Dredging Co.	8.00		81,574.76	Shell Base
758	2	Polk	A. E. Campbell	.10		2,095.74	R. B. S. T.
500-B & C							
515	20	Bay-Jackson	Marianna Lime Products Co.	29.43		328,212.85	R. B.
750	14	Gilchrist	L. M. Gray	12.26		109,936.23	R. B.
669-Y	27	Collier	Fred D. Beasley, Inc.	10.55		22,320.49	Surf. Treat'mt.
769	5	Lee	Fred D. Beasley, Inc.	1.89		26,988.64	R. B.
870	143	Palm Beach	Central Fla. Const. Co.			8,790.26	Timber
766	10	Bay	Fla. Bridge & Const. Co.			555	4,461.47
688	10	Bay	R. J. Arrington & Son			60	396.16
767	10	Bay	J. U. Fletcher			45	751.43
669-C	27	Dade	Everglades Const. Corp.	9.48		13,183.50	Rock Cap
911	68	Bradford	Duval Engr. & Contr. Co.	3.50		24,069.54	Rock Base
714	28	Union	F. W. Long & Co.	9.14		88,172.06	Rock Base
708	11	Jefferson	Duval Engr. & Contr. Co.	7.98		130,331.33	R. B. S. T.
806-A	25	Hendry	E. F. Powers Const. Co.	11.00		199,911.51	R. B. S. T.
715-B	28	Union-Bradford	Fla. Bridge & Contr. Co.			783	79,872.68
898	4-A	Monroe	The Belcher Oil Co.	5.00		190,777.88	Conc. Bridge
745	19	Taylor	Fred D. Beasley, Inc.	15.95		5,982.24	Surf. Treat'd.
876-C	78	Duval-St. Johns	R. G. Lassiter & Co.	19.20		330,866.43	Rock Base
884	3	Duval	Baker & Holmes	.50		7,425.00	Concrete
869	29	Glades	Reid W. Bryan	9.04		128,714.13	Grading
720	11	Jefferson	Duval Engr. & Cont. Co.	9.70		191,955.23	R. B. S. T.
608-B	24	Brevard	J. D. F. Boggs	1.07		36,054.58	R. B. S. T.
672-B	13	Levy	Langston Const. Co.	12.58		150,760.36	Rock Base
741	13	Alachua	L. M. Gray	1.00		11,918.50	Rock Base
770	22	Brevard	Standard Asph. Co. of Fla.	3.30		54,906.65	R. B. S. T.
915	140	Palm Beach	E. F. Powers Const. Co.	2.00		31,318.10	R. B. (Sand)
892-951	30	Indian River	Fred D. Beasley, Inc.			42,075.00	R. B. (Sand)
535	5-A	Lafayette	Wm. P. McDonald Const. Co.	13.20		186,802.08	Rock Base
802-B	10	Okaloosa	J. R. Chambliss			62,207.20	Timber
695	2	Lake	Manly Construction Co.	2.48		5,130.77	C. G. & G.
952	3	Putnam	Powell Bros.			91,413.96	Conc. & Steel
884	3	Duval	Walter J. Bryson Pav. Co.			9,829.60	Hot Mix.
884	3	Duval	Macaspahlt Corp. of Fla.	4.00		34,288.02	Macaspahlt
884	3	Duval	Capital Concrete Co.			32,654.20	Concrete.
883	4	Duval	John E. Ballenger Const. Co.	4.72		108,914.92	Macaspahlt.
885	3	Duval	Robert G. Lassiter	4.86		110,589.73	Macaspahlt.
685	10	Franklin	Nelson Bros.			7,623.00	Hauling
727	47	St. Johns	L. M. Gray	6.00		77,164.95	Rock Base
TOTAL STATE				231.12	4,477	\$ 3,422,353.40	
GRAND TOTAL				306.89	6,051	\$ 5,957,608.60	



Project 634, Road 1, Jackson County, Surface-treated Sand-clay.

which is a Florida concern manufacturing paint. He was advised that it is the policy of the Department to use Florida products wherever the same can consistently be done.

State Road 85

On motion of Mr. Hills, seconded by Mr. Graham, the following resolution was adopted:

WHEREAS, this Department has heretofore made provision for the betterment of State Road 85 between Okeechobee and Indian Town, and,

WHEREAS, it now develops that a new right of way has been secured by the counties in said section, with a view to straightening out the line of said road; Now, therefore,

BE IT RESOLVED, that the provision for betterment of said road be made applicable to the revised location at those points where the same departs from the old road.

Project 75—Gordon River Bridge

The Chairman and Engineer directed the attention of the members to the fact that Central Station Equipment Company is not proceeding satisfactorily with its contract for the construction of Gordon River Bridge, Project 75.

On motion of Mr. Graham, seconded by Mr. Hills, the following resolution was adopted:

BE IT RESOLVED, that the State Highway Engineer be and he is hereby directed to give to Central Station Equipment Company the cautionary notice of default which is provided for by paragraph 8.8 of the Standard Specifications attached to their contract.

Alachua County—Road 2

Mr. Shands presented to the members a letter from the secretary of the bond trustees of Special Road and Bridge District No. 1 of Alachua county, to which letter was attached a check in the sum of \$5,917.43, which the trustees state is the balance of the fund claimed by the State Road Department as due it by Alachua county on account of the con-

struction of Projects 37-A, C, D, and E, Road 2, in that county.

On motion of Mr. Graham, seconded by Mr. Shands, the following resolution was adopted:

BE IT RESOLVED, that the Chairman be and he is hereby authorized to accept the check of Special Road and Bridge District No. 1 of Alachua county in the sum of \$5,917.43, and notify the board of bond trustees that the Department has applied said check to the payment of its claim on account of the construction of said projects.

Orange County—Road 22

The Department having under consideration the request made this morning by the delegation from Orange county with reference to State Road 22, it was the consensus of opinion that the Department is not in a position to comply with this request at this time.

Road 29—Kenansville to Holopaw

Without formal action, it was determined that the request with reference to the maintenance of State Road 29 between Kenansville and Holopaw be held over until the next meeting of the Department.

Road 44

On motion of Mr. Graham, seconded by Mr. Shands, the following resolution was adopted:

BE IT RESOLVED, that this Department do take over for maintenance State Road 44 between Sanford and Mims, such maintenance to be effective immediately.

Lake and Sumter Counties

The members having given consideration to the request made by Lake and Sumter counties this morning with reference to Roads 22, 36 and 55, it was determined that these matters should be left to the consideration of the Chairman when he has under consideration maintenance items to be placed in next year's budget.

Road 8—St. Lucie County

On motion of Mr. Graham, seconded by Mr.

Shands, the following resolution was adopted:

BE IT RESOLVED, that this Department do take over for immediate maintenance that portion of Road 8 in St. Lucie county which is not now under maintenance.

Road 26-A—Dade County

On motion of Mr. Graham, seconded by Mr. Shands, the following resolution was adopted:

BE IT RESOLVED, that this Department do take over for immediate maintenance that portion of Road 26-A between Miami and the Broward county line.

Hump Bridges

On motion of Mr. Hills, seconded by Mr. Shands, the following resolution was adopted:

BE IT RESOLVED, that this Department does hereby declare an emergency and that the Engineering Department be and it is hereby directed to remove the humps or vertical curves in the bridges on State Roads 2 and 3.

Projects 806-C and D—Hendry County

On motion of Mr. Hills, seconded by Mr. Graham, the following resolution was adopted:

BE IT RESOLVED, that the Chairman be and he is hereby authorized to advertise for bids, returnable at the December meeting, for paving Projects 806-C and D, Road 25, in Hendry county, using state convicts in said work.

BE IT FURTHER RESOLVED, that it is the direction of this Department that the Clewiston end of said work shall be first undertaken.

Resolution of Thanks

On motion of Mr. Shands, seconded by Mr. Hills, the following resolution was adopted:

BE IT RESOLVED, that the thanks of this Department be and they are hereby extended to the City of Miami for its courtesy in extending the use of the commission chamber for this meeting, and for all other courtesies extended to the members by said city at this meeting.

On motion of Mr. Shands, seconded by Mr. Hills, the Department was adjourned.

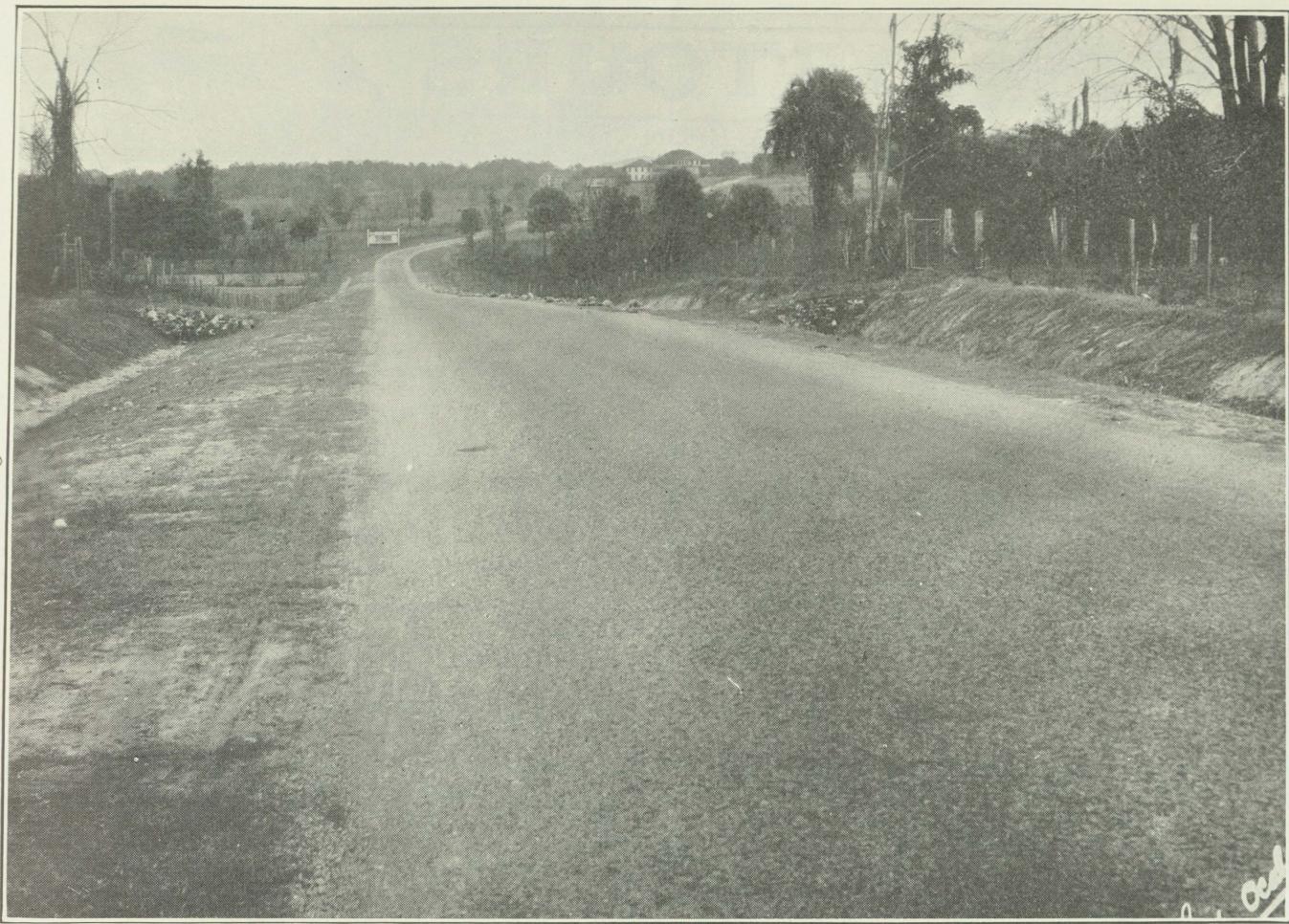
Status of Construction

THROUGH OCTOBER 31ST, 1930.

Proj. No.	Contractor	Road No.	County	Total Length Miles	Clearing Miles	Grading Miles	Base Miles	Surface Miles	Type	Per Cent Complete
53-D	C. C. Moore Const Co.	2	Lake	4.48	0.00	0.00	.....	.....	Grading	0.00
57	R. C. Huffman Const. Co.	3	Nassau-Duval	3.40	.75	.13	.....	.....	Grading	4.00
62-A	L. B. McLeod Const. Co.	24	Osceola	5.87	.....	.....	1.76	0.00	R.B.S.T.	20.00
62-D	L. B. McLeod Const. Co.	24	Osceola	12.66	.....	.....	12.66	0.00	R.B.S.T.	75.00
63-A	Morgan-Hill Paving Co.	4	Palm Beach	9.21	.....	.....	.....	9.21	Concrete	99.00
63-C	Robt. G. Lassiter & Co.	4	Broward	13.24	.....	.....	.....	9.37	Concrete	70.00
68-A	S. P. Snyder & Son	4	Broward	.37	.....	.....	.12	.12	R.B.S.T.	45.00
73-A	Wm. P. McDonald Const. Co.	17	Polk	3.66	.....	.....	3.66	3.66	Mac. Asph.	99.00
74	Manly Const. Co.	2	Orange	14.34	.....	.....	14.34	14.34	Bit. Conc.	92.00
500-B	Marianna Lime Prod. Co.	20	Bay	12.65	.....	.....	0.00	0.00	R.B.S.T.	.....
500-C	Marianna Lime Prod. Co.	20	Bay	12.18	.....	.....	4.00	3.00	R.B.S.T.	25.00
515	Marianna Lime Prod. Co.	20	Jackson	4.59	.....	.....	0.00	0.00	R.B.S.T.	0.00
535	Wm. P. McDonald Const. Co.	5-A	LaFayette	13.20	.....	.....	0.00	0.00	R.B.S.T.	0.00
608-B-2	J. D. F. Boggs	4	Brevard	1.07	0.00	0.00	0.00	0.00	R.B.S.T.	1.00
677-B	Langston Const Co.	13	Levy	12.58	.....	.....	0.00	0.00	R.B.S.T.	0.00
695	Manly Const. Co.	2	Lake	2.48	0.00	0.00	.....	.....	Grading	0.00
698	H. E. Wolfe Const. Co.	19	Leon	12.45	.....	.....	.....	12.45	Concrete	100.00
708	Duval Engr. & Contr. Co.	11	Jefferson	7.98	.....	.....	7.98	4.00	R.B.S.T.	85.00
713	Convicts	28	Columbia	10.00	.....	.....	10.00	6.00	R.B.S.T.	95.00
714	F. W. Long & Co.	28	Union	9.14	.....	.....	9.14	0.00	R.B.S.T.	75.00
720	Duval Engr. & Contr. Co.	11	Jefferson	9.70	.....	.....	2.00	0.00	R.B.S.T.	13.00
741	L. M. Gray	13	Alachua	.84	.....	.....	.84	.84	R.B.S.T.	100.00
745	Fred D. Beasley, Inc.	19	Taylor	15.95	.....	.....	3.00	0.00	R.B.S.T.	15.00
750	L. M. Gray	14	Gilchrist	12.26	.....	.....	12.26	6.08	R.B.S.T.	90.00
769	Fred D. Beasley, Inc.	5	Lee	1.89	.....	.....	1.89	1.00	R.B.S.T.	90.00
770	Standard Asph. Co. of Fla.	22	Brevard	3.30	.....	.....	.75	0.00	R.B.S.T.	25.00
787	Convicts	10	Walton	16.27	16.27	15.00	.....	.....	Grading	90.00
798	Convicts	13	Nassau	15.03	12.48	10.25	.....	.....	Grading	75.00
801	Convicts	48	Bradford-Union	11.78	8.84	8.84	.....	.....	Grading	75.00
805	Convicts	25	Hendry	9.42	4.35	.80	.....	.....	Grading	10.00
806-A	E. F. Powers Const. Co.	25	Hendry	11.00	.....	.....	7.23	2.25	R.B.S.T.	68.00
820	H. D. Spangler & Co.	96	Jefferson	9.45	8.98	7.09	.....	.....	Grading	70.00
825	Convicts	88	Holmes	10.37	6.20	5.00	.....	.....	Grading	48.00
832	Convicts	10	Santa Rosa	16.01	16.01	16.01	.....	.....	Grading	100.00
833	Convicts	10	Santa Rosa	8.02	8.02	6.49	.....	.....	Grading	65.00
841	Convicts	115	Walton	6.44	6.44	6.44	.....	.....	Grading	100.00
845	Convicts	19	Taylor	8.57	8.57	8.57	.....	.....	Grading	99.00
846	Convicts	19	Taylor	11.00	11.00	10.45	.....	.....	Grading	95.00
857	Convicts	53	Santa Rosa	19.00	2.00	1.50	.....	.....	Grading	6.00
868-C	Convicts	5	Levy	12.34	9.00	7.85	.....	.....	Grading	50.00
869	Reid W. Bryan	29	Glades	9.04	1.00	.51	.....	.....	Grading	4.00
870	S. J. Groves & Sons	143	Palm Beach	10.83	10.83	10.83	2.60	0.00	R.B.S.T.	60.00
876	Convicts	78	Duval-St. Johns	28.90	25.02	25.02	.....	.....	Grading	90.00
876-A	Standard Dredging Co.	78	Duval	9.70	.....	.....	9.70	8.00	R.B.S.T.	95.00
876-C	Robert G. Lassiter & Co.	78	Duval-St. Johns	19.20	.....	.....	.95	0.00	R.B.S.T.	3.00
878	Convicts	77	Gilchrist	10.48	10.48	9.68	.....	.....	Grading	95.00
884	Macaspahlt Corp. of Fla.	3	Duval	4.00	1.96	1.96	.39	0.00	Macaspahlt	20.00
911	Duval Engr. & Contr. Co.	68	Bradford	3.45	3.45	3.45	3.45	0.00	R.B.S.T.	95.00
Total complete Oct. 31, 1930				3084.35	3060.04	1680.94	2504.01			
Complete month of October				12.56	18.19	16.68	30.50			
Total complete September 30, 1930				3071.79	3041.85	1664.26	2473.51			

TOTAL MILEAGE COMPLETE

Concrete	Brick	B.C.	S.A.	B.M.	Asph.B.	R.B.S.T.	S.C.S.T.	S.C.	Mac-Asph.	Marl	Total
Complete to Sept. 30, 1930	372.87	17.13	51.77	114.75	109.57	23.70	1,388.96	290.54	205.23	3.29	27.58
Complete month of Oct.	2.49	1.15	.....	.....	.....	21.35	.....	.....	.....	.82	25.81
Complete to Oct. 31, 1930	375.36	17.13	52.92	114.75	109.57	23.70	1,410.31	290.54	205.23	4.11	27.58



Road 2.—Marion County, near McIntosh. Rock Base, Surface Treated.

Wealth in Rare Christmas Seals

By A. Schaeffer, Jr.

A VALUABLE stamp collectors' item, a decoration for holiday packages and letters, and ammunition in the fight against tuberculosis are the varied roles filled by the bright little holiday stickers known as Christmas Seals.

Each year they make their appearance between Thanksgiving and Christmas, sold for a penny each by the 1,400 affiliated tuberculosis associations of the United States, they provide funds that enable the fight against tuberculosis to continue for another year.

The inventor of the Christmas seal idea was the late Einar Holboell, a clerk in the post office at Copenhagen, Denmark. While he was watching the huge flood of holiday mail pass through his hands and wondering how money might be raised for a sanatorium for children, which Copenhagen sorely needed, he conceived the idea of a special stamp that could be sold for a small sum to decorate Christmas letters, cards and gifts, the money raised in this way to be used for the construction of the hospital. The approval of the Danish royal family for his plan was secured and its success was assured.

Hoelboell, who died in February, 1927, was decorated twice by the King of Denmark for his contribution to the health of his country, and also was decorated by the kings of Sweden and Italy.

He lived to see the Christmas seal idea adopted by the health agencies of governments of twenty-six

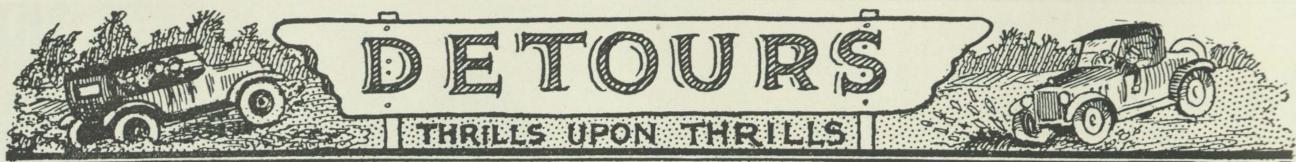
different countries. The latest country to hold a seal sale is Brazil, which held its first sale throughout the month of July, 1929, designated by the federal and municipal governments as "Tuberculosis Month."

The idea came to the United States in 1907, when Miss Emily Bissell, of Wilmington, Delaware, read a description of the Danish seal and the anti-tuberculosis work it financed in a magazine article written by Jacob Riis, one of the famous pioneers in the field of social service, following receipt of a letter bearing a seal from Denmark. Miss Bissell, also, had been casting about for means to raise money for a tuberculosis institution in her state, and the adoption of Holboell's idea solved her problem.

With the passing years the seals have, of course, taken on an added value and have become a collector's item. The only complete collection of Christmas seals in the United States is said to be in the possession of William L. Kinkead, treasurer of the New Jersey Tuberculosis League, and a well-known philatelist. His collection of Central European seals also has been adjudged the most complete in existence.

The most valuable seal ever issued in this country is the red and green seal of 1913, with poinsettia flowers, and green circles around red crosses at either side. This design is listed in stamp catalogues

(Continued on Page 19.)

**Makes a Man Healthy and Wealthy and Wise**

"What time do you get up in summer?"

"As soon as the first ray of the sun comes in my window."

"Isn't that rather early?"

"No. My room faces west."—Loughborough Herald.

Penalty of Touching Pitch

Mother: "Your face is clean, but how'd you get your hands so dirty?"

Small Son: "Washin' my face."—Boston Transcript.

Toujours la Politesse

An angler, who had been trying to hook something for the last six hours, was sitting gloomily at his task, when a mother and her small son came along.

"Oh!" cried out the youngster, "do let me see you catch a fish!"

Addressing the angler, the mother said, severely: "Now, don't you catch a fish for him until he says 'Please'."—Tit-Bits.

Ask the Iceman

"When water becomes ice," said the professor, "what is the greatest change that takes place?"

"The price, sir."—Christian Evangelist.

Spuds for Fairyland

"How has your potato crop turned out, old chap?" asked one ardent amateur gardener of his neighbor.

"Splendid, old man," replied the other; "some are as big as marbles, some as big as peas, and, of course, quite a lot of little ones."—Capper's.

Trouble Hunter

The owner of a cheap watch brought it into the jeweler's shop to see what could be done for it. "The mistake I made, of course," he admitted, "was in dropping it."

"Well, I don't suppose you could help that," the jeweler remarked. "The mistake you made was picking it up."—London Opinion.

See America First

"Are you going abroad next summer?"

"No," answered Senator Sorghum. "What's the use of traveling around among people who don't speak my language, and who couldn't vote for me even if they did?"—Washington Star.

Silly Season Marathon

On a Maryland farm, a turkey gobbler is sitting on twenty-one eggs—the big sissie.—Detroit News.

Meanest Man

Mrs. Smith: "My husband talks in his sleep. Doesn't yours?"

Mrs. Jones: "No, and it's so exasperating. He only smiles."—Capper's Weekly.

How They Shoot in the Army

Gunnery Officer: "See that man on that bridge three miles over there?"

Gunner: "Yes, sir."

Officer: "Let him have a couple of 75's in the eye."

Gunner: "Which eye, sir?"—Army and Navy Journal.

Double Call for Inventors

A toothpaste that removes the film from the teeth may be all right, but what we need is a hair oil that will remove the fog from the brain.—Cincinnati Enquirer.

"Have you seen the new noiseless baby carriages?"

"I don't think much of them. Noiseless babies would be more to the point."—Nebelspater.

Graceful Surrender

An elderly Scotsman, after voting year after year against the Union of Kirks, suddenly went over into the Union camp. He was twitted with inconsistency. "No," he said, "I'm no' inconsistent. I still believe Union is wrong. I believe it's wicked. But it's the Lord's will."—Churchman.

And the Robin Cheeped

An old colored man was burning grass when a "wise guy" stopped and said: "You're foolish to do that, Uncle Eb; it will make the meadow as black as you are."

"Don't worry 'bout dat, sah," responded Uncle Eb. "Dat grass will grow out an' be as green as you is."—Montreal Star.

Or Possibly Both

"He proposed to me under the influence of the moonlight."

"Are you sure, dear, it wasn't the influence of the moonshine?"—Florida Times-Union.

Turning Over a New Leaf

"Did you read about those folks who were paralyzed from drinking Jamaica?" inquired Colonel Bozeman of the storekeeper the other night.

"Yes. Terrible, wasn't it?"

"Terrible, indeed," replied the Colonel. "I suppose," he added wearily, "that I'll have to reform and go to drinking vanilla."—Portland Express.

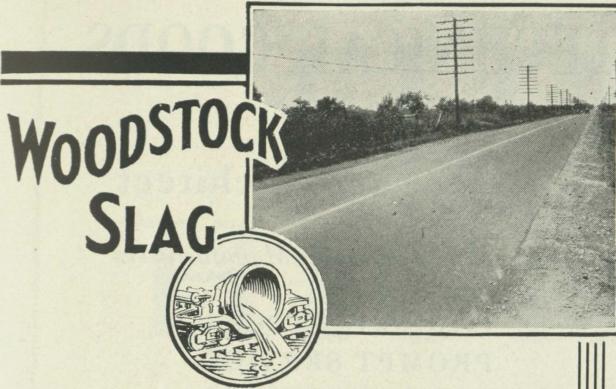
Alone in France

"And there, son, you have the story of your dad and the Great War."

"Yes, Dad, but why did they need all the other soldiers?"—Snelling Bulletin.

Made in Heaven

A model marriage is one in which the wife is a treasure and the husband is a treasury.—Dallas News.



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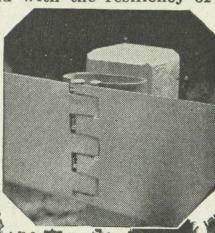
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NATIONAL TRAFFIC GUARD CO.

ATLANTA,
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CHRISTMAS SEALS

(Continued from Page 17.)

as worth ten dollars each, while two variations of the same design issued the same year are worth only half as much. The first seals sold by Miss Bissell in 1907 are worth \$7.50 each if inscribed "Merry Christmas" and "Happy New Year," but if inscribed only "Merry Christmas" they are worth only five dollars each, as are certain designs issued in 1908, 1911 and 1913.

Such a successful idea naturally has its imitators, but all genuine Christmas seals sold in the United States bear prominently in the design a double-barred cross in red. Small as the seals are, they have been responsible for the saving of untold thousands of lives through education, advice, physical examination in clinics they support, hospital care

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and treatment, open air schools and summer camps they inaugurated and finance, local and state health legislation, demonstrations of various sorts, and research work. Like the drops of water that make the ocean, the pennies that buy Christmas seals compose the dollars that have done their part in cutting in half the death rate from tuberculosis since 1907, when the first seal was sold in this country.

The fight against tuberculosis is not yet won, however. The disease still kills more persons between 18 and 40 than any other. More than ever today, when the diminishing death rate indicates success in tuberculosis work, money is needed to combat the greatest single foe of men and women during their most productive working years.

Let's buy Christmas Seals!

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